



CLAIMS

What I claim as my invention is -

1. (currently amended): A process of combining services to build a wireless mobile communication service utilizing by means of a graphical user interface or (GUI) to form a graphical representation of the wireless mobile communication in a flow chart style, wherein a built wireless mobile communication service, termed herein compound wireless mobile communication service or (CWS), consists of component services and a compiled ~~said~~-CWS is enacted as a sequence of the ~~said~~-combined services by a mobile station or (MS) ~~or and~~ executed by a mechanism used to communicate to ~~a~~said MS, and such a built CWS can also be used as a component service to build another CWS thereby incorporating the property of recursion into the graphical building process, whereby the following building steps comprise a unique and a novel software process to build a ~~said~~ CWS:

a) A builder selects a component service from a menu and drags an image or (icon) of the selected ~~said~~-component service to a build area of a computer screen used for building a ~~said~~ CWS;

b) After the builder locates the ~~said~~-component service icon in the ~~said~~-build area for building a ~~said~~-CWS, for those component services having parameters, a compiler displays a window containing the ~~said~~-component service's parameter names and default values for these parameters;

c) The ~~said~~-CWS builder is now permitted by the ~~said~~-compiler to substitute new parameter names and to change default parameter values to represent initial condition values for the parameters when the ~~said~~-compiled CWS begins its execution;

d) After completion of the preceding step, the ~~said~~-compiler's window disappears and a graphical icon representation of the ~~said~~-component service remains containing the ~~said~~-CWS builder's decided parameter names, along with a window of the ~~said~~-CWS builder's decided parameters' initial condition values;

e) If the ~~said~~-CWS is to contain another ~~said~~-component service, steps a), b), c), and d) are iterated such that for more than one ~~said~~-component service, the builder identifies the sequence of ~~said~~-component service executions by selecting an arrowed line icon from a menu and dragging the icon line to interconnect a pair of ~~said~~-component services such that the tail of the arrowed line

begins at the antecedent ~~said~~-component service icon and the arrow head terminates on the succeeding ~~said~~-component service icon.

2. (currently amended): The process of claim 1, further comprising a combination of fundamental wireless mobile communication services or (FWS) wherein the ~~said~~-FWS are elementary component services, representing building block services, that are produced by conventional coding via a suitable software language, and these ~~said~~-FWS are considered by the ~~process~~~~said method~~ to be single services; meaning that the ~~said~~-FWS represent the bases or kernels ~~for from which~~ all ~~said~~-CWS originate or are comprised.

3. (canceled)

4. (canceled)

5. (canceled)

6. (canceled)

7. (currently amended): The process of claim 1, wherein the following methods apply:

a) building ~~a~~~~said~~ CWS in a flow chart graphical representation using computer facilities and then compiling into appropriate computer code and downloading the~~said~~ computer coded representation of the CWS into ~~a~~~~said~~ MS;

b) using ~~said~~-computer facilities to select graphical ~~and/or~~ textual images that represent ~~said~~-component services to build ~~a~~~~said~~ CWS where the~~said~~ component services are represented by named operational or functional expressions that can contain dependent parameters ~~and/or~~ independent parameters;

c) using ~~said~~-computer facilities to request "help" to explain and clarify the application and use of a selected graphical ~~and/or~~ textual image.

8. (canceled)

9. (currently amended): The ~~process~~~~improvements~~ of claim 7 wherein further improvements comprise a ~~said~~-MS that contains the ~~said~~-GUI and the ~~said~~-compiler to build ~~a~~~~said~~ CWS.

10. (currently amended): The processes of claim 2, ~~claim 3, or claim 4~~ wherein a menu of facility services icons are used for providing one or more of the following operations as component services in compound wireless mobile communication services:

a) computing arithmetic functions;

b) assigning values to parameters;

c) conditioning the execution of ~~a~~~~said~~ component service on an event determination;

d) determining if parameters are equal;

- e) determining if parameters are unequal;
- f) pausing the execution of ~~a~~said CWS;
- g) branching on a condition;
- h) displaying a parameter value;
- i) announcing or ~~(playing)~~ an audible parameter value-~~t~~;
- j) invoking ~~a~~said-CWS;
- k) evaluating a service constraint.

11. (canceled)

12. (currently amended): The process~~improvements~~ of claim 10 further comprising a menu of special capabilities that achieve the following -

- a) drawing lines with arrowheads that manifests the execution sequence of ~~said~~ component services;
- b) entering alphanumeric characters into a ~~said~~-geometric ~~element~~selement when building a ~~said~~-CWS;
- c) drawing geometric elements as rectangles and ellipses when building a ~~said~~-CWS.

13. (Currently amended): The process~~improvements~~ of claim 12 further comprising a menu for:

- a) testing a built ~~said~~-CWS for proper performance;
- b) assigning an operational or functional expression to a ~~said~~-CWS;
- c) recording and storing a voice message as a value to be used in the ~~said~~-facility service that audibly announces comments;
- d) adding a ~~said~~-CWS operational or functional expression to the repertoire of ~~said~~ component services for use to build other ~~said~~-CWS;
- e) saving a built ~~said~~-CWS in specified memory location;
- f) copying a selected group of ~~said~~-component services into a temporary memory;
- g) undoing changes made while building a ~~said~~-CWS;
- h) opening a ~~said~~-CWS display of interconnected ~~said~~ component services;
- i) opening any menu used to build a ~~said~~-CWS;
- j) selecting line widths of geometric shapes in a displayed ~~said~~-CWS.

14. (canceled)